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Abstract

3 A method of demagnetizing magnetic media for recording data in a data
4 storage device, including the steps of placing the magnetic media in a magnetic
5 field at a first strength level; and gradually reducing the magnetic field to a
6 second strength level to essentially eliminate net magnetization in the magnetic
7 media. Another embodiment includes the steps of determining a recording
8 frequency for writing on the magnetic media with a transducer head, at which the
9 amplitude of the transducer head readback signal from said portion of the
10 magnetic media is essentially at noise level; and writing on the magnetic media
11 at substantially said recording frequency, to substantially eliminate net
12 magnetization in the magnetic media.

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